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Substitute for form 14493-PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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Substitute for form 14493-PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet	1	of	1
Application Number 10/623,437			
Filing Date 07/18/2003			
First Named Inventor TOWNSEND ET AL.			
Art Unit 3737			
Examiner Name _____			
Attorney Docket Number 25339.02			

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Ruth S. Smith/	Date Considered	12/07/2006
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1 Applicant's unique claim or designation or number (optional). **2** Applicant is to place a check mark here if English language Translation is attached
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Express Mail Number: EV 249529584 US
IDS - 07/18/2003 DocID: 25339.02

PTO/SB/08A (05-03)

Approved for use through 04/30/2003 OMB 0651-0031

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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	TOWNSEND, et al.
				Art Unit	
				Examiner Name	
Sheet	1	of	4	Attorney Docket Number	25339.02

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	/Ruth S. Smith/	Date Considered	12/07/2006
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

4

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Application Number

Filing Date

First Named Inventor

TOWNSEND, et al.

Art Unit

Examiner Name

Attorney Docket Number

25339.02

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RSS		A.C. EVANS, et al., "MRI-PET Correlation in Three Dimensions Using a Volume-of-Interest (VOI) Atlas," Journal of Cerebral Blood Flow & Metabolism, A69-A78, 1991.	
		D.G. THOMAS et al., "Use of relocatable stereotactic frame to integrate positron emission tomography and computed tomography images: application to human malignant brain tumors," Stereotactic and Functional Neurosurgery, 388-392, 1990.	
		C.A. PELIZZARI et al., "Accurate three-dimensional registration of CT, PET and MR images of the brain," J Comp Assist Tomogr, 2026, 1989.	
		R.P. WOODS et al., "Rapid automated algorithm for aligning and reslicing PET images," J Comp Assist Tomogr, 620-633, 1992.	
		R.P. WOODS et al., "MRI-PET registration with an automated algorithm," J Comp Assist Tomogr, 536-546, 1993.	
		U. PEITRZYK et al., "Three-dimensional alignment of functional and morphological tomograms," J Comp Assist Tomogr, 51-59, 1990.	
		R. L. WAHL et al., "Anatometabolic tumor imaging: fusion of FDG PET with CT or MRI to localize foci of increased activity," J. Nucl. Med., 1190-1197, 1993.	
		T.F. LANG et al., "A prototype emission-transmission imaging system," IEEE Nucl. Sci. Symposium Conf. Record, 1902-1906, 1991.	
		T.F. LANG et al., "Description of a prototype emission-transmission computed tomography imaging system," J. Nucl. Med., 1881-1887, 1992.	
		J.S. FLEMING, "A technique for using CT images in attenuation correction and quantification in SPECT," Nucl. Med. Commun, 83-97, 1989.	
RSS		S.C. MOORE, "Attenuation compensation" in Ell, P.J. et al., Computed Emission Tomography, London, Oxford University Press, 339-360, 1982.	

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PTO/SB/08B (05-03)

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
				Filing Date	
				First Named Inventor	TOWNSEND et al.
				Art Unit	
				Examiner Name	
(use as many sheets as necessary)				Attorney Docket Number	25339.02
Sheet	3	of	4		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RSS		B.H. HASEGAWA et al., "Object specific attenuation correction of SPECT with correlated dual-energy X-ray CT," IEEE Trans. Nucl. Sci., 1242-1252, 1993.	
		K.J. LaCROIX et al., "Investigation of the use of X-ray CT images for attenuation compensation in SPECT," IEEE 1993 Medical Imaging Conference Record, 1994.	
		S.C. HUANG et al., "Quantitation in positron emission tomography: 2. Effects of inaccurate attenuation correction," J. Comput Assist Tomogr, 804-814, 1979.	
		W.F. JONES et al., "Optimizing rod window width in positron emission tomography," IEEE 1992 Medical Imaging Conference Record, 982-984, 1993.	
		R.A. de KAMP et al., "Attenuation correction in PET using single photon transmission measurement," Med. Phys., 771-778, 1994.	
		QU HE et al., "Attenuation correction in PET using a singles transmission source," J. Nucl Med., 41P, 1994.	
		R.E. ALVAREZ et al., "Energy-selective reconstructions in X-ray computerized tomography," Phys Med Biol., 733-744, 1976.	
		D.E. AVRIN et al., "Clinical applications of Compton and photo-electric reconstruction in computed tomography: preliminary results," Invest Radiol, 217-222, 1978.	
		M. BERGSTROM et al., "Correction for scattered radiation in a ring detector positron camera by integral transform of the projections," J. Comput. Assist. Tomogr., 42-50, 1983.	
		M. ENDO et al., "Software correction of scatter coincidence in positron CT," Eur. J. Nucl. Med., 391-396, 1984.	
RSS		S.R. CHERRY et al., "Correction and characterization of scattered events in three dimensional PET using scanner with retractable septa," J Nucl Med, 671-678, 1993.	

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				Application Number	
				Filing Date	
				First Named Inventor	TOWNSEND et al.
				Art Unit	
				Examiner Name	
Sheet	4	of	4	Attorney Docket Number	25339.02

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
RSS		D.L. BAILEY et al., "A convolution-subtraction scatter correction method for 3D PET," Phys Med Biol., 412-424, 1994.			
		D. GAGNON et al., "Introduction to holospectral imaging in nuclear medicine for scatter subtraction," IEEE Trans Med Imaging, 245-250, 1989.			
		S. GROOTONK et al., "Correction for scatter using a dual energy window technique with a tomograph operating without septa," IEEE 1991 Medical Imaging Conference Record, 1569-1573, 1992.			
		B. BENDRIEM, et al., "A PET scatter correction using simultaneous acquisitions with low and high lower energy thresholds," IDDD 1993 Medical Imaging Conference Record, 1779-1783, 1994.			
		J.M. OLLINGER, "Model-based scatter correction for fully 3D PET," Phys Med Biol., 153-176, 1996.			
		C.C. WATSON, D. NEWPORT, and M.E. CASEY, "A single scatter simulation technique for scatter correction in 3D PET" in: Grangeat P and J-L Amans, Three Dimensional Image Reconstruction in Radiology and Nuclear Medicine, Dordrecht: Kluwer Academic, 255-268, 1996.			
		R. LEAHY et al., "Incorporation of anatomical MR data for improved functional imaging with PET," Information Processing in Medical Imaging, XIIth IPMI International Conference Record, 1201-1203, 1993.			
RSS		Z. ZHOU et al., "A comparative study of the effects of using anatomical priors in PET reconstruction," IEEE 1993 Medical Imaging Conference Record, 1749-1753, 1994.			

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PTO/SB/08B (06-03)

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CSubstitute for form 1449B/PTO

**SUPPLEMENTAL
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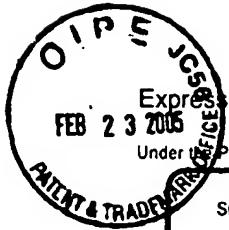
Complete if Known

Application Number	10/623,437
Filing Date	07/18/2003
First Named Inventor	TOWNSEND et al.
Art Unit	3737
Examiner Name	
Attorney Docket Number	25339.02

NON PATENT LITERATURE DOCUMENTS

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SUPPLEMENTAL
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Sheet 2 of 2 Attorney Docket Number 25339.02

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